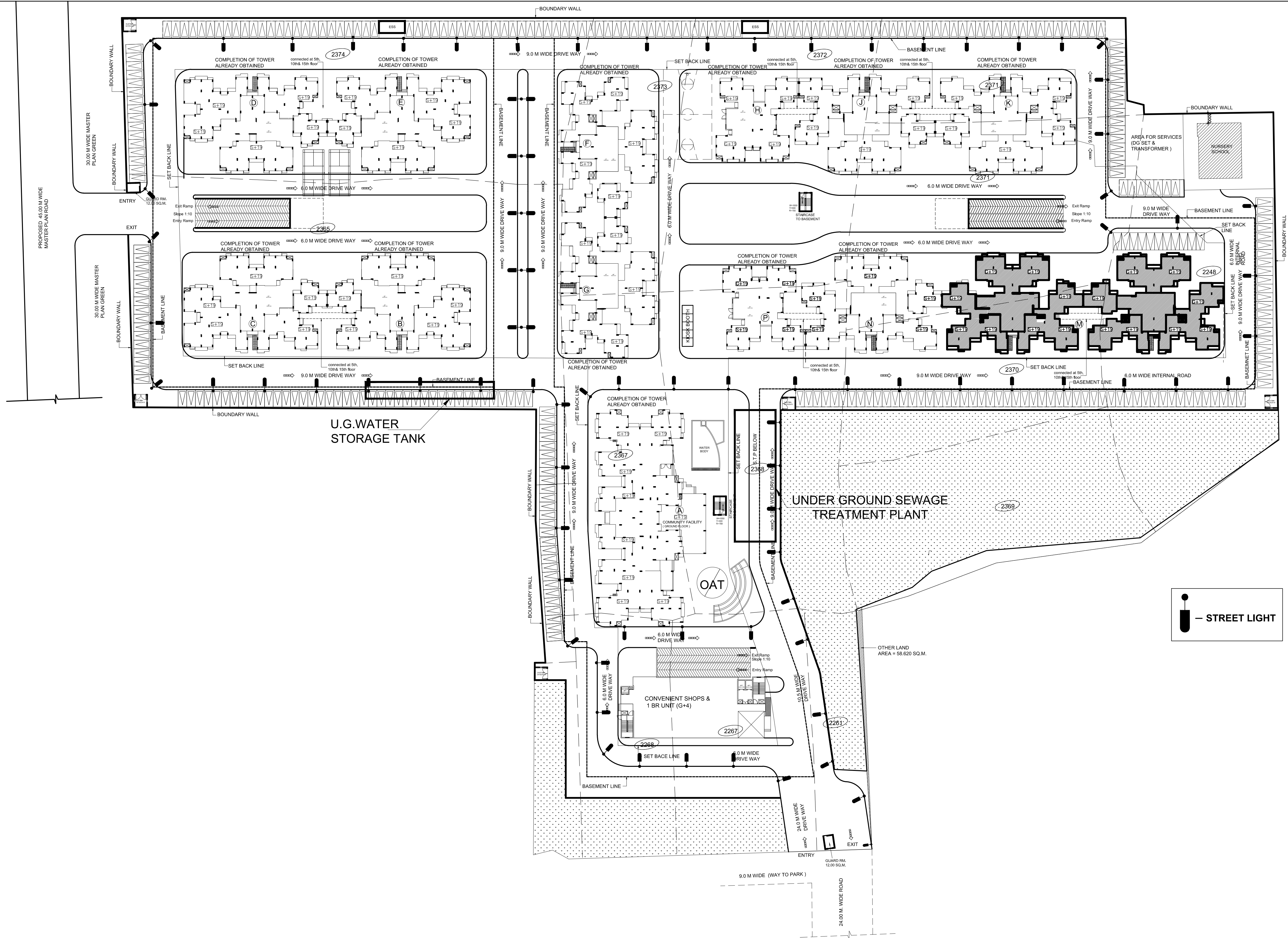




Job Title :
 REVISED GROUP HOUSING AT PLOT NO.:- GH-6
 ADITYA WORLD CITY, INTEGRATED TOWNSHIP,
 SHAHPUR-BAMHETA, GHAZIABAD, (UP).
 ON KHASRA NO.:- 2248, 2261, 2267, 2268, 2269,
 2365, 2367, 2368, 2369, 2370, 2371, 2372, 2373 & 2374.

Owner:
 M/s. AGARWAL ASSOCIATES PROMOTERS LIMITED.
 10 , NEW RAJDHANI ENCLAVE, VIKAS MARG,
 NEW DELHI-110092.

DRAWING TITLE:
 SITE DEVELOPMENT
 PLAN

ARCHITECT:

OWNER:

SCALE:
 1:350

DWG. NO.

PROJECT TEAM:
 NUPC

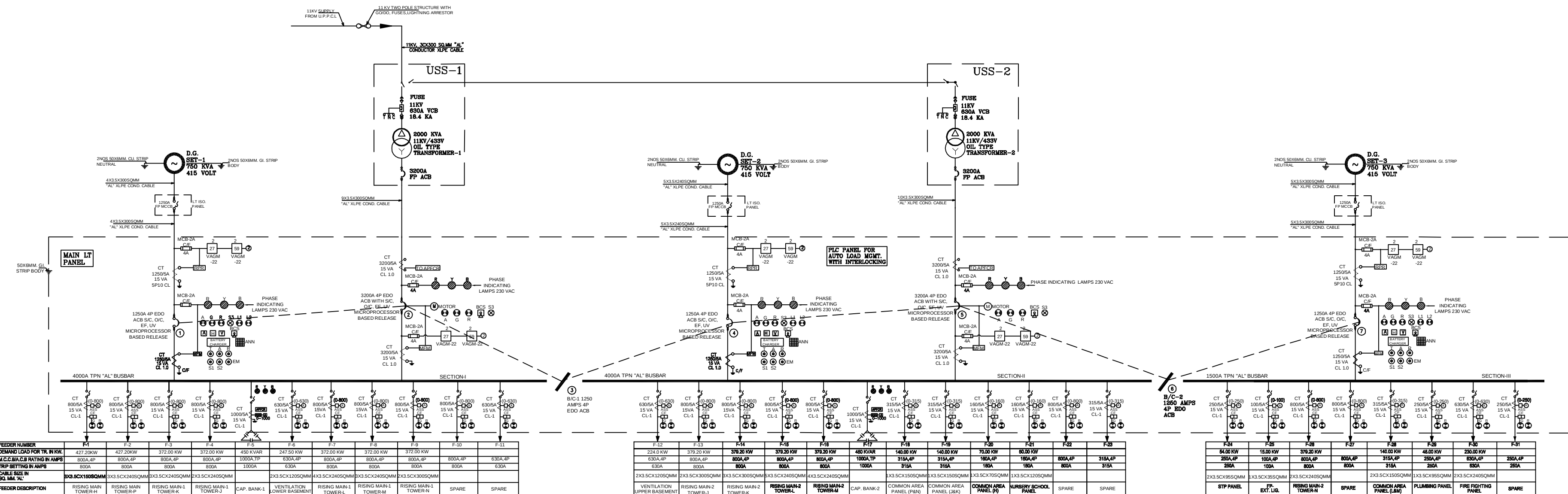
DATE:

NORTH:

ARCHITECTS:

N+U
 N + U DESIGN STUDIO
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 Urban Planning • Product Design

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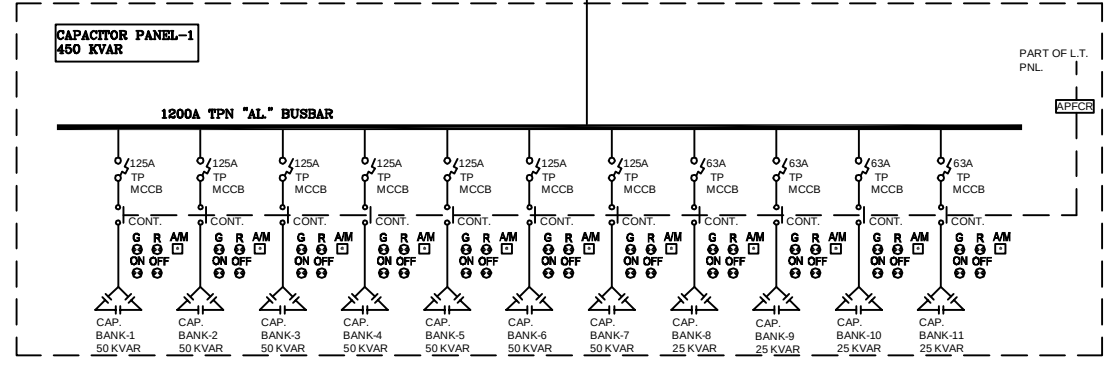


FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
LOAD IN K.W.	427.20KW	427.20KW	372.00 KW	372.00 KW	450 KVAR	247.50 KW	372.00 KW	372.00 KW	372.00 KW	372.00 KW	372.00 KW
M.C.B. RATING IN AMPS	800A, 4P	800A, 4P	800A, 4P	800A, 4P	1000A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P
TRIP SETTING IN AMPS	800A	800A	800A	800A	1000A	800A	800A	800A	800A	800A	800A
CABLE SIZE IN SQ. MM. 'AL'	3X3 SCH 30SSQMM	3X3 SCH 30SSQMM	3X3 SCH 30SSQMM	3X3 SCH 30SSQMM	3X3 SCH 30SSQMM	3X3 SCH 30SSQMM	3X3 SCH 30SSQMM	3X3 SCH 30SSQMM	3X3 SCH 30SSQMM	3X3 SCH 30SSQMM	3X3 SCH 30SSQMM
FEEDER DESCRIPTION	RISING MAIN TOWER-1	RISING MAIN TOWER-2	RISING MAIN TOWER-3	RISING MAIN TOWER-4	CAP. BANK-1	VENTILATION LOWER BASEMENT	RISING MAIN-1 TOWER-1	RISING MAIN-1 TOWER-2	RISING MAIN-1 TOWER-3	SPARE	SPARE

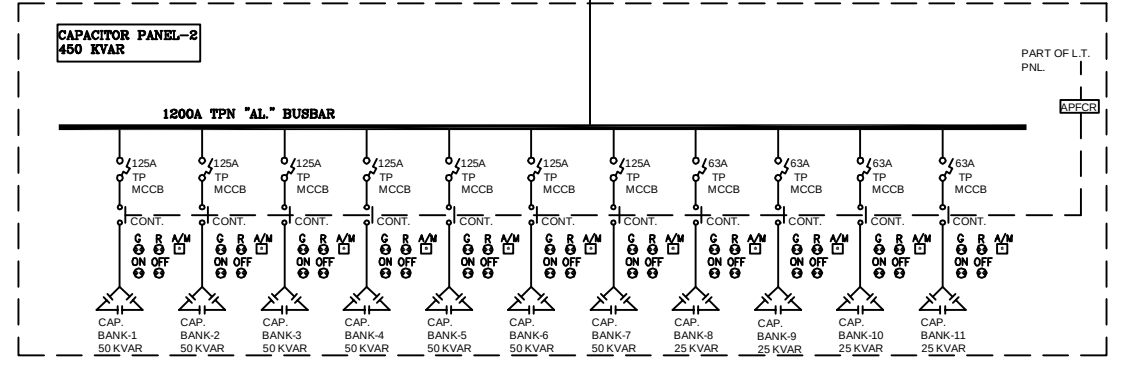
FEEDER NUMBER	F-12	F-13	F-14	F-15	F-16	F-17	F-18	F-19	F-20	F-21	F-22
LOAD IN K.W.	224.0 KW	372.00 KW	372.00 KW	372.00 KW	372.00 KW	400 KVAR	140.00 KW	140.00 KW	140.00 KW	70.00 KW	80.00 KW
M.C.B. RATING IN AMPS	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	1000A, 4P	315A, 4P	315A, 4P	315A, 4P	160A, 4P	800A, 4P
TRIP SETTING IN AMPS	800A	800A	800A	800A	800A	1000A	315A	315A	315A	160A	800A
CABLE SIZE IN SQ. MM. 'AL'	2X3 SCH 12SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 30SSQMM
FEEDER DESCRIPTION	VENTILATION UPPER BASEMENT	RISING MAIN-2 TOWER-1	RISING MAIN-2 TOWER-2	RISING MAIN-2 TOWER-3	RISING MAIN-2 TOWER-4	CAP. BANK-2	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	LIFT PANEL TOWER-1	SPARE

FEEDER NUMBER	F-23	F-24	F-25	F-26	F-27	F-28	F-29	F-30	F-31
LOAD IN K.W.	84.00 KW	15.00 KW	372.00 KW	800A, 4P	140.00 KW	40.00 KW	250.00 KW	250.00 KW	250.00 KW
M.C.B. RATING IN AMPS	250A, 4P	100A, 4P	800A, 4P	800A, 4P	315A, 4P	250A, 4P	250A, 4P	250A, 4P	250A, 4P
TRIP SETTING IN AMPS	250A	100A	800A	800A	315A	250A	250A	250A	250A
CABLE SIZE IN SQ. MM. 'AL'	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM
FEEDER DESCRIPTION	STP PANEL	EXT. LIG.	RISING MAIN-2 TOWER-1	SPARE	COMMON AREA PANEL (FAN)	PLUMBING PANEL	PIPE FIGHTING PANEL	SPARE	SPARE

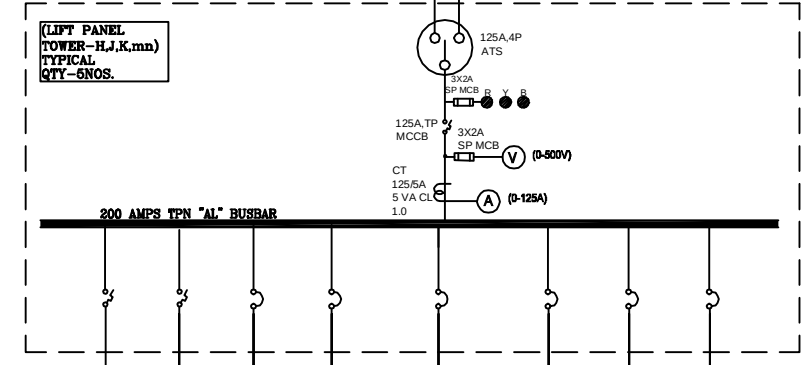
S.NO.	DESCRIPTION	SYMBOLS
1	AMMETER	A
2	AMMETER SELECTOR SWITCH	ASS
3	VOLTMETER	V
4	VOLTMETER SELECTOR SWITCH	VSS
5	POWER FACTOR METER	PF
6	FREQUENCY METER	HZ
7	TIME DELAY EARTH FAULT RELAY	SIN
8	CURRENT TRANSFORMER	CT
9	UNDER/OVER VOLTAGE RELAY	27/59
10	POTENTIAL TRANSFORMER	PT
11	TIMER	T
12	TRIP NEUTRAL CLOSE	T N C
13	INDICATING LAMP	IL
14	DRAWOUT TYPE	↔
15	MULTI FUNCTION METER (OR KW, KVAR, MD, PF, V, A, Hz) (EQUIVALENT TO DM400)	MFM
16	MCB	MCB
17	REVERSE POWER RELAY	RPR
18	AUTOMATIC POWER FACTOR CORRECTION RELAY	APFC
19	ANTI-PUMPING RELAY	APR
20	MASTER TRIP RELAY	MT
21	AUXILIARY RELAY	AR
22	TRIP CIRCUIT HEALTHY	TC
23	BREAKER OFF GREEN	BOG
24	BREAKER ON RED	BOR
25	BREAKER CONTROL SWITCH	BKS
26	ELECTRICAL DRAW OUT TYPE	EDO
27	AIR CIRCUIT BREAKER	ACB
28	DIGITAL TRIP/RESET METER WITH MAXIMUM DEMAND INDICATOR	TRM
29	PHASE INDICATING LAMP	R Y B
30	SPRING CHARGED, RED	L1
31	DC CONTROL SUPPLY HEALTHY, RED	L2
32	DC STOP PUSH BUTTON, RED	S1
33	TRIP/RESET ILLUMINATED PUSH BUTTON, RED	S2
34	EMERGENCY STOP PUSH BUTTON	ES
35	DC AMMETER	A
36	DC VOLTMETER	V
37	HOOTER	H
38	ANN. TEST PUSH BUTTON	T
39	ANN. ACCEPT PUSH BUTTON	A
40	ANN. RESET PUSH BUTTON	R
41	CHANGE OVER SWITCH	C.O.S
42	NEUTRAL ISOLATION CONTACTOR	NC
43	ANNUNCIATOR	ANN
44	RESTRICTED EARTH FAULT PROTECTION	RELF
45	DIFFERENTIAL PROTECTION RELAY	DP
46	INSTANTANEOUS OVER CURRENT RELAY	50
47	TIME DELAY OVER CURRENT RELAY	51
48	INSTANTANEOUS E/F RELAY	50N
49	TIME DELAY E/F RELAY	51N
50	DUAL READING ENERGY METER	CEB



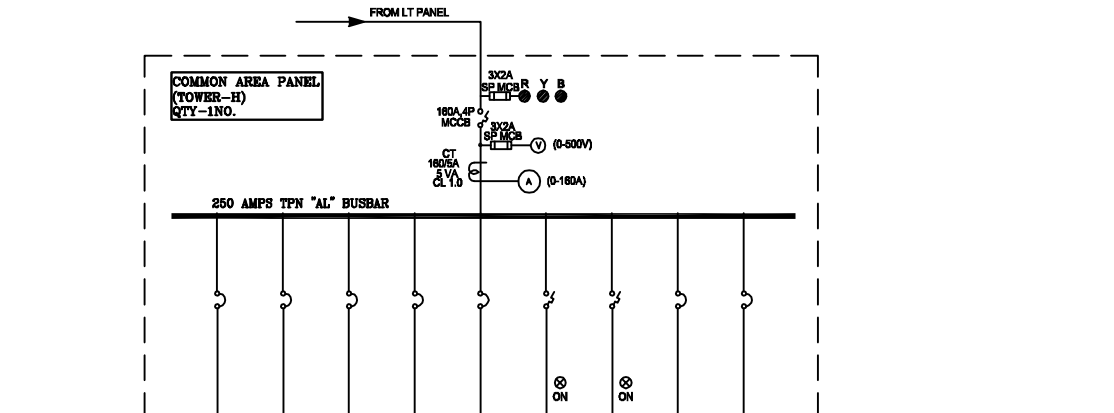
FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
LOAD IN K.W.	224.0 KW	372.00 KW	372.00 KW	372.00 KW	372.00 KW	400 KVAR	140.00 KW	140.00 KW	140.00 KW	70.00 KW	80.00 KW
M.C.B. RATING IN AMPS	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	1000A, 4P	315A, 4P	315A, 4P	315A, 4P	160A, 4P	800A, 4P
TRIP SETTING IN AMPS	800A	800A	800A	800A	800A	1000A	315A	315A	315A	160A	800A
CABLE SIZE IN SQ. MM. 'AL'	2X3 SCH 12SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 30SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 30SSQMM
FEEDER DESCRIPTION	VENTILATION UPPER BASEMENT	RISING MAIN-2 TOWER-1	RISING MAIN-2 TOWER-2	RISING MAIN-2 TOWER-3	RISING MAIN-2 TOWER-4	CAP. BANK-2	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	LIFT PANEL TOWER-1	SPARE



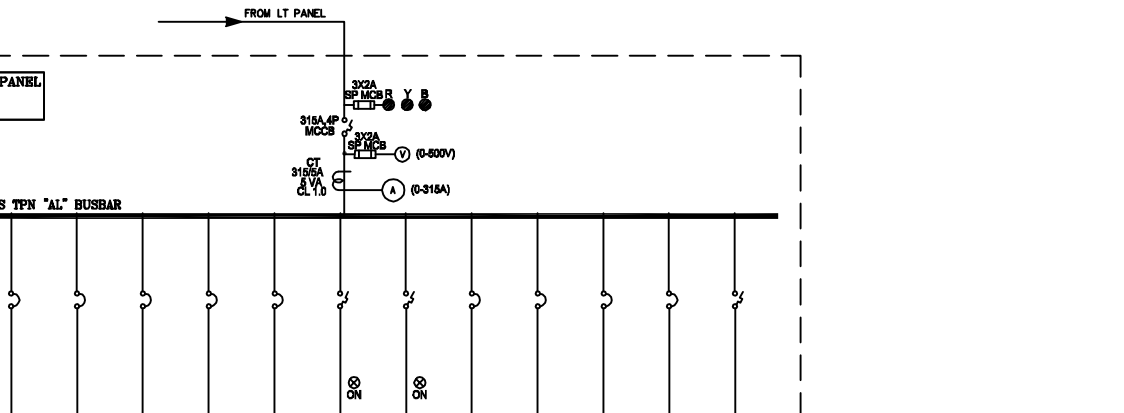
FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13
LOAD IN K.W.	428 KW	1.42 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW
M.C.B. RATING IN AMPS	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P
TRIP SETTING IN AMPS	800A	800A	800A	800A	800A	800A	800A	800A	800A	800A	800A	800A	800A
CABLE SIZE IN SQ. MM. 'AL'	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM
FEEDER DESCRIPTION	VENTILATION UPPER BASEMENT	RISING MAIN-2 TOWER-1	RISING MAIN-2 TOWER-2	RISING MAIN-2 TOWER-3	RISING MAIN-2 TOWER-4	CAP. BANK-2	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)



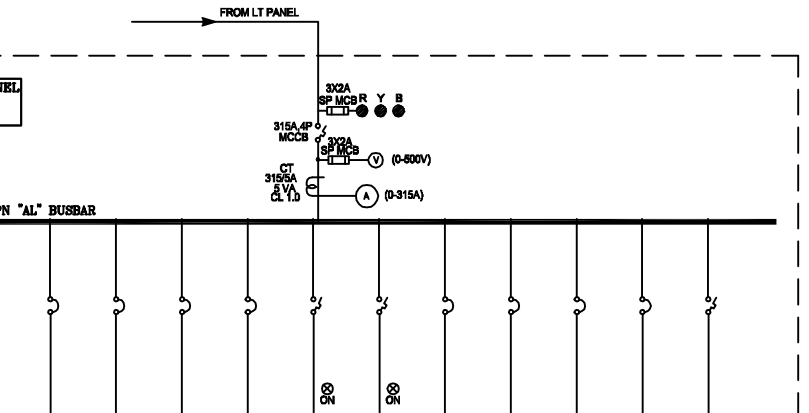
FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8
LOAD IN K.W.	13.5 KW	13.5 KW	3 KW	3 KW	20 HP/15 KW	32A	32A	32A
M.C.B. RATING IN AMPS	63A	63A	40A	32A	63A	32A	63A	63A
TRIP SETTING IN AMPS	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB
BREAKING CAPACITY IN KA	16 KA	16 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA
CABLE SIZE IN SQ. MM. 'AL'	4 X 16	4 X 16	2 X 10	2 X 10	3 X 16	3 X 16	3 X 16	3 X 16
FEEDER DESCRIPTION	LIFT-1	LIFT-2	DP (LIFT MCB)	SPARE	LIFT WELL PRESS. FANS	TERRACE BOOSTER PUMP	SPARE	SPARE



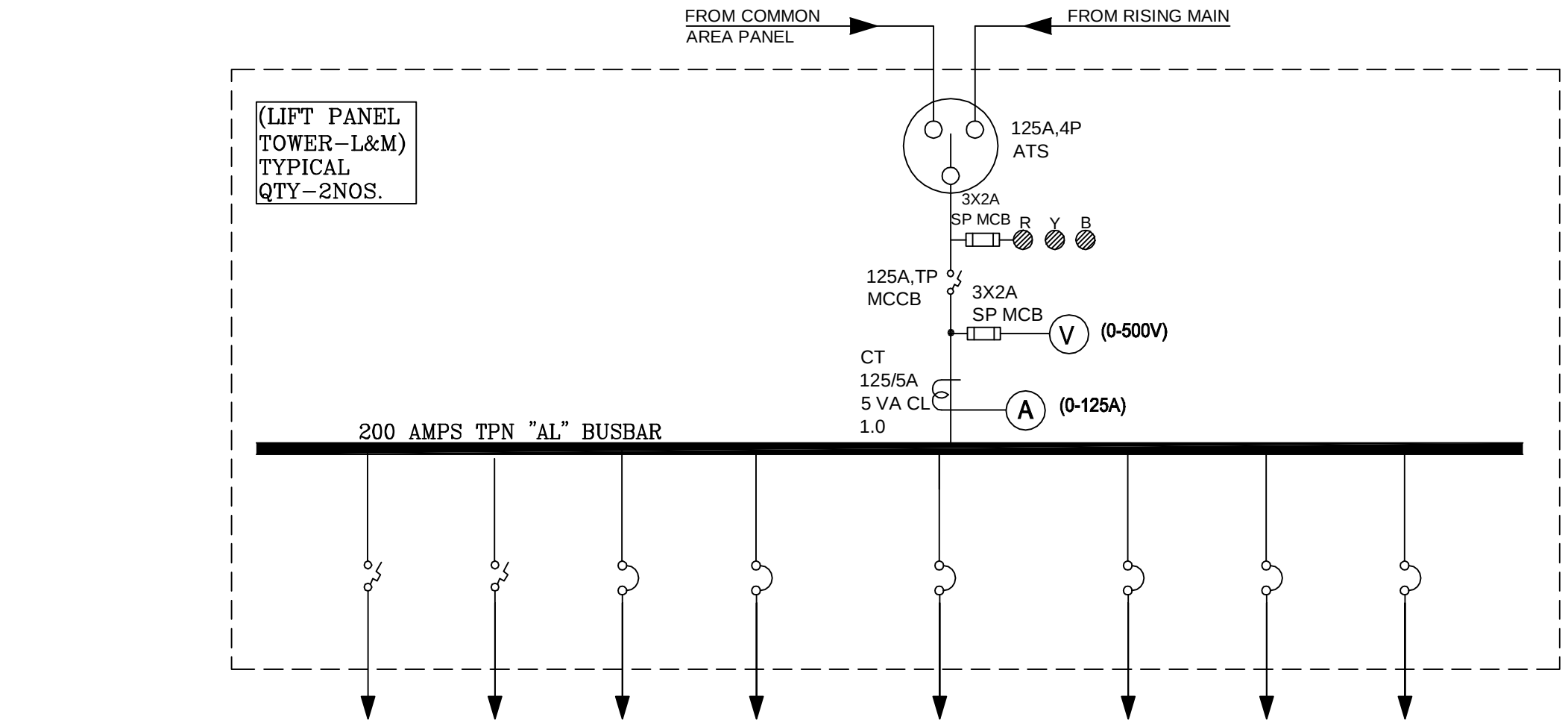
FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8
LOAD IN K.W.	2.34 KW	1.42 KW	3.80 KW	2.34 KW	2.34 KW	2.34 KW	2.34 KW	2.34 KW
M.C.B. RATING IN AMPS	4P MCB	4P MCB	4P MCB	4P MCB	4P MCB	4P MCB	4P MCB	4P MCB
TRIP SETTING IN AMPS	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA
CABLE SIZE IN SQ. MM. 'AL'	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10
FEEDER DESCRIPTION	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)



FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13
LOAD IN K.W.	428 KW	1.42 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW
M.C.B. RATING IN AMPS	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P	800A, 4P
TRIP SETTING IN AMPS	800A	800A	800A	800A	800A	800A	800A	800A	800A	800A	800A	800A	800A
CABLE SIZE IN SQ. MM. 'AL'	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM	2X3 SCH 12SSQMM
FEEDER DESCRIPTION	VENTILATION UPPER BASEMENT	RISING MAIN-2 TOWER-1	RISING MAIN-2 TOWER-2	RISING MAIN-2 TOWER-3	RISING MAIN-2 TOWER-4	CAP. BANK-2	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)	COMMON AREA PANEL (FAN)

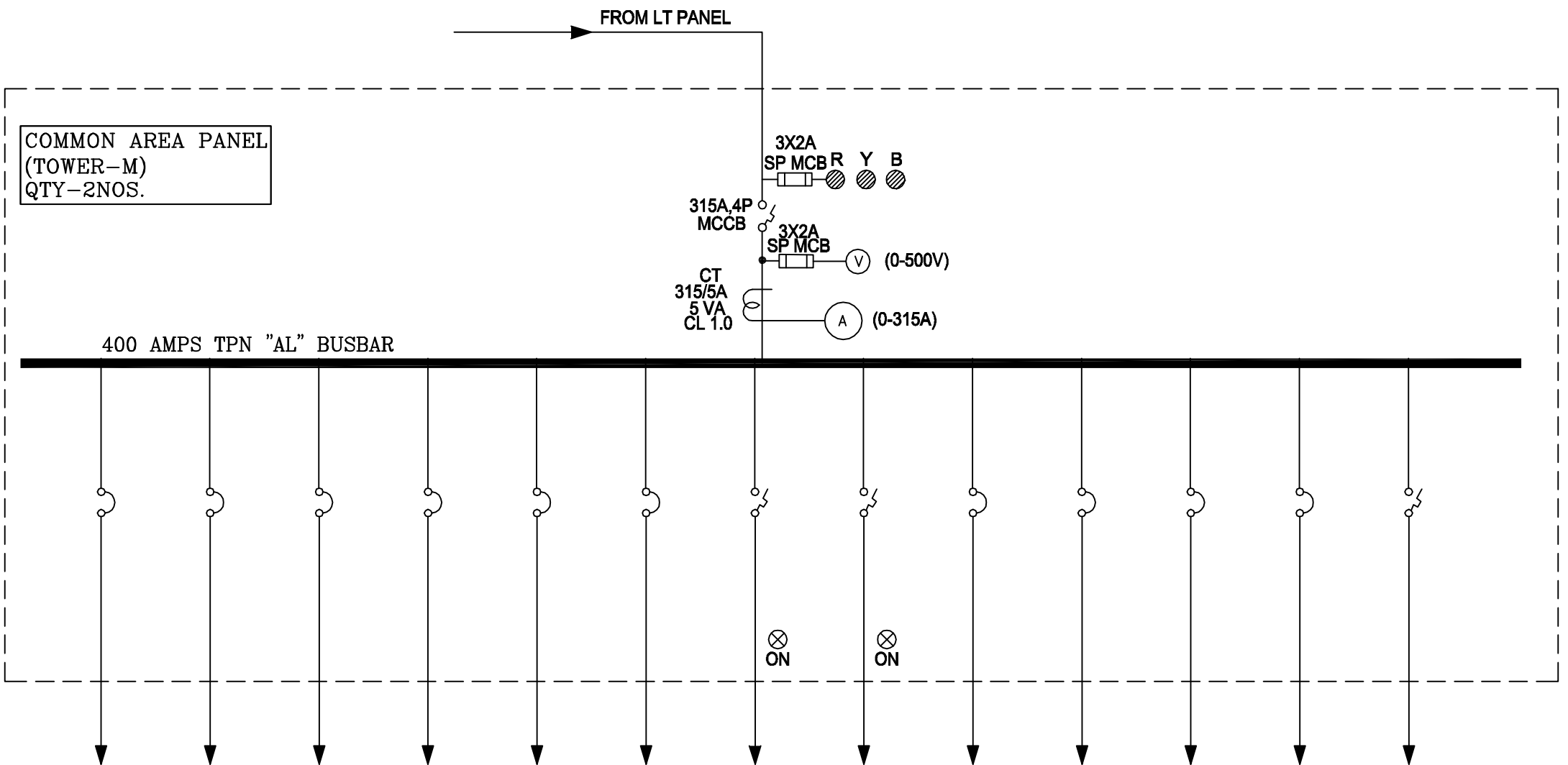


FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13
LOAD IN K.W.	3.40 KW	1.54 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW	1.21 KW	2.88 KW
M.C.B. RATING IN AMPS	63A	63A	63A	63A	63A	63A	63A	63A	63A	63A	63A	63A	63A
TRIP SETTING IN AMPS	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB	PP MCB
BREAKING CAPACITY IN KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA
CABLE SIZE IN SQ. MM. 'AL'	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10	4 X 10
FEEDER DESCRIPTION	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)	DB-12-LB (TOWER-H)



FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8
LOAD IN K.W.	13.5 KW	13.5 KW	3 KW		20 HP/15 KW			
M.C.C.B/M.C.B RATING IN AMPS	63A	63A	40A	32A	63A	32A	63A	63A
TRIP SETTING IN AMPS	FP MCCB	FP MCCB	DP MCB	4P MCB	4P MCB	4P MCB	4P MCB	4P MCB
BREAKING CAPACITY IN KA	16 KA	16 KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA
CABLE SIZE IN SQ. MM. 'AL', XPLE.	4 X 16	4 X 16	2 X 10 "CU" WIRE		3 X 16	3 X 6		
FEEDER DESCRIPTION	LIFT-1	LIFT-2	DB- (LIFT M/C)	SPARE	LIFT WELL PRESS. FANS	TERRACE BOOSTER PUMP	SPARE	SPARE

SCHEMATIC DIAGRAM FOR (LIFT PANEL TOWER-mn)



FEEDER NUMBER	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13
LOAD IN K.W.	3.40 KW	1.54 KW	2.98 KW	1.12 KW			55 KW	55 KW					
M.C.C.B/M.C.B RATING IN AMPS	32A	32A	32A	32A	32A	32A	125A	125A	32A	40A	32A	63A	125A
TRIP SETTING IN AMPS	4P MCB	4P MCB	4P MCB	4P MCB	4P MCB	4P MCB	FP MCCB	FP MCCB	4P MCB	DP MCB	4P MCB	4P MCB	FP MCCB
BREAKING CAPACITY IN KA	10 KA	10 KA	10 KA	10 KA	10 KA	10 KA	16 KA	16 KA	10 KA	10 KA	10 KA	10 KA	16 KA
CABLE SIZE IN SQ. MM. 'AL', XLPE	4X6+2X6 SQMM "CU" WIRE	4X6+2X6 SQMM "CU" WIRE	4X6+2X6 SQMM "CU" WIRE	4X6+2X6 SQMM "CU" WIRE	4 X 10 'CU' WIRE	4 X 10 'CU' WIRE	1R X 3.5C X 120 SQMM	1R X 3.5C X 95 SQMM	4 X 6 "AL" CABLE	4 X 6 "AL" CABLE	4 X 6 "AL" CABLE	4 X 6 "AL" CABLE	4 X 6 "AL" CABLE
FEEDER DESCRIPTION	DB-L7-LB (TOWER-mn)	DB-L6-UB (TOWER-mn)	DB-L7-LB (TOWER-mn)	DB-L6-UB (TOWER-mn)	CADB STILT FL(T-mn).	CADB STILT FL(T-mn).	LIFT PANEL TOWER-mn	LIFT PANEL TOWER-mn	SUMP PUMP	SPARE	SPARE	SPARE	SPARE

SCHEMATIC DIAGRAM FOR COMMON AREA PANEL (TOWER-mn)

LEGEND

S.NO.	DESCRIPTION	SYMBOLS
1	AMMETER	A
2	AMMETER SELECTOR SWITCH	ASS
3	VOLTMETER	V
4	VOLTMETER SELECTOR SWITCH	VSS
5	POWER FACTOR METER	PF
6	FREQUENCY METER	HZ
7	TIME DELAY EARTH FAULT RELAY	51N
8	CURRENT TRANSFORMER	CT
9	UNDER/OVER VOLTAGE RELAY	27/59
10	POTENTIAL TRANSFORMER	PT
11	TIMER	T
12	TRIP NEUTRAL CLOSE	T N C
13	INDICATING LAMP	
14	DRAWOUT TYPE	
15	MULTI FUNCTION METER (FOR TRIP, VOLT, AC, PF, V, A, Hz) (EQUIVALENT TO EM4500)	
16	MCCB	
17	REVERSE POWER RELAY	
18	AUTOMATIC POWER FACTOR CORRECTION RELAY	
19	ANTI-PUMPING RELAY	
20	MASTER TRIP RELAY	
21	AUXILIARY RELAY	
22	TRIP CIRCUIT HEALTHY	
23	BREAKER OFF GREEN	
24	BREAKER ON RED	
25	BREAKER CONTROL SWITCH	
26	ELECTRICAL DRAW OUT TYPE	EDO
27	AIR CIRCUIT BREAKER	ACB
28	DIGITAL TRIVECTOR METER WITH MAXIMUM DEMAND INDICATOR	TVM
29	PHASE INDICATING LAMP	R Y B
30	SPRING CHARGED, RED	L1
31	DC CONTROL SUPPLY HEALTHY, RED	L2
32	DC START PUSH BUTTON, GREEN	S1
33	DC STOP PUSH BUTTON, RED	S2
34	TRIP/RESET ILLUMINATED PUSH BUTTON, RED	S3
35	EMERGENCY STOP PUSH BUTTON	EM
36	DC AMMETER	A
37	DC VOLTMETER	V
38	HOOTER	H
39	ANN. TEST PUSH BUTTON	T
40	ANN. ACCEPT PUSH BUTTON	A
41	ANN. RESET PUSH BUTTON	R
42	CHANGE OVER SWITCH	C.O.S
43	NEUTRAL ISOLATION CONTACTOR	NIC
44	ANNUNCIATOR	ANN
45	RESTRICTED EARTH FAULT PROTECTION	
46	DIFFERENTIAL PROTECTION RELAY	
47	INSTANTANEOUS OVER CURRENT RELAY	50
48	TIME DELAY OVER CURRENT RELAY	51
49	INSTANTANEOUS E/F RELAY	50N
50	TIME DELAY E/F RELAY	51N
51	DUAL READING ENERGY METER	

Job Title :

REVISED GROUP HOUSING AT PLOT NO.:- GH-6
ADITYA WORLD CITY, INTEGRATED TOWNSHIP,
SHAHPUR-BAMHETA,GHAZIABAD, (UP).
ON KHASRA NO.:- 2248, 2261, 2267, 2268, 2269,
2365, 2367, 2368, 2369, 2370, 2371, 2372, 2373 & 2374.

Owner:

M/s. AGARWAL ASSOCIATES PROMOTERS LIMITED.
10 , NEW RAJDHANI ENCLAVE, VIKAS MARG,
NEW DELHI-110092.

DRAWING TITLE:

SINGLE LINE DIAGRAM
M TOWER

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ARCHITECT:

OWNER:

SCALE:

1:350

DWG. NO.

PROJECT TEAM:

NUPC

DATE:

NORTH:



ARCHITECTS:

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